

**NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW**The drawing(s) filed (insert date) 08/31/01 are:A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.**1. DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required)☐ Color drawings are not acceptable until petition is granted. Fig(s) \_\_\_\_\_☐ Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_**2. PHOTOGRAPHS.** 37 CFR 1.84(b):  
☐ 1 full-tone set is required. Fig(s) \_\_\_\_\_☐ Photographs may not be mounted. 37 CFR 1.84(c)☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) \_\_\_\_\_☐ Poor quality (half-tone). Fig(s) \_\_\_\_\_**3. TYPE OF PAPER.** 37 CFR 1.84(c):  
☐ Paper not flexible, strong, white, and durable. Fig(s) \_\_\_\_\_☐ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) \_\_\_\_\_**4. SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:☐ 21.0 cm by 29.7 cm (DIN size A4) or☐ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)☐ All drawing sheets not the same size. Sheet(s) \_\_\_\_\_☐ Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_**5. MARGINS.** 37 CFR 1.84(g): Acceptable margins:  
☐ Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm☐ Margins not acceptable. Fig(s) \_\_\_\_\_☐ Top (T) \_\_\_\_\_ Left (L) \_\_\_\_\_☐ Right (R) \_\_\_\_\_ Bottom (B) \_\_\_\_\_**6. VIEWS.** 37 CFR 1.84(h):  
**REMINDER:** Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is

changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly. Fig(s) \_\_\_\_\_**7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3):  
☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_**8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_**9. SCALE.** 37 CFR 1.84(k):  
☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) \_\_\_\_\_**10. CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)☐ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) \_\_\_\_\_**11. SHADING.** 37 CFR 1.84(m):  
☐ Solid black areas pale. Fig(s) \_\_\_\_\_☐ Solid black shading not permitted. Fig(s) \_\_\_\_\_**12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)☐ Numbers and reference characters not plain and legible. Fig(s) \_\_\_\_\_☐ Figure legends are poor. Fig(s) \_\_\_\_\_☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) \_\_\_\_\_☒ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) 3-12, 18-22☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) \_\_\_\_\_**13. LEAD LINES.** 37 CFR 1.84(q):  
☐ Lead lines missing. Fig(s) \_\_\_\_\_**14. NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(r)☐ Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) \_\_\_\_\_**15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_**16. DESIGN DRAWINGS.** 37 CFR 1.152☐ Surface shading shown not appropriate. Fig(s) \_\_\_\_\_☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) \_\_\_\_\_**COMMENTS:**Reviewer LAM

If you have questions, call (703) 305-8400

Date 09/29/03

Attachment to Paper No. \_\_\_\_\_